

DERWENT-ACC-NO: 1977-11167Y

DERWENT-WEEK: 197707

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TITLE: Non woven fabric wwith fibres aligned in weft direction
- is stretched in warp direction and needled before stretching in both directions

PATENT-ASSIGNEE: PHILLIPS PETROLEUM CO[PHIP]

PRIORITY-DATA: 1975US-0610899 (September 5, 1975) , 1977US-0804021 (June 6, 1977)

PATENT-FAMILY:

PUB-NO PAGES	MAIN-IPC	PUB-DATE	LANGUAGE
BE 845851 000	A N/A	December 30, 1976	N/A
AT 7606579 000	A N/A	June 15, 1978	N/A
CA 1079942 000	A N/A	June 24, 1980	N/A
DD 126352 000	A N/A	July 13, 1977	N/A
DE 2639466 000	A N/A	March 10, 1977	N/A
DE 2639466 000	B N/A	October 18, 1979	N/A
FR 2322952 000	A N/A	May 6, 1977	N/A
GB 1535988 000	A N/A	December 13, 1978	N/A
IT 1064959 000	B N/A	February 25, 1985	N/A
JP 52042977 000	A N/A	April 4, 1977	N/A
JP 85051586 000	B N/A	November 14, 1985	N/A
NL 161824 000	B N/A	October 15, 1979	N/A
NL 7609842 000	A N/A	March 8, 1977	N/A
SU 627767 000	A N/A	September 7, 1978	N/A

US 4042655 A	August 16, 1977	N/A
000 N/A		
US 4105381 A	August 8, 1978	N/A
000 N/A		
US 4151023 A	April 24, 1979	N/A
000 N/A		

4151023 A

INT-CL (IPC): B29D027/00, B32B027/02, D01G021/00, D04H001/46, D04H018/00, D06C029/00

ABSTRACTED-PUB-NO: BE 845851A

BASIC-ABSTRACT:

Subsequently the mat is stretched in a second drawing zone in the warp direction and then in a third drawing zone in the weft direction. Pref. the mat is formed from several fibre layers and is fused on one face, pref. whilst it is being stretched in the weft direction.

The method is used particularly with synthetic fibres (e.g. polypropylene).

The fabric may be used for backing carpets or finishing furniture. The dimensional stability of the fabric is improved.

TITLE-TERMS: NON WOVEN FABRIC FIBRE ALIGN WEFT DIRECTION STRETCH WARP DIRECTION

NEEDLE STRETCH DIRECTION

DERWENT-CLASS: A94 F04 P73

CPI-CODES: A11-C05A; A12-S05G; F02-C02D; F04-D;

POLYMER-MULTIPUNCH-CODES-AND-KEY-SERIALS:

Multipunch Codes: 010 028 03- 041 046 050 141 143 144 155 163 166 170 171 192 193 32& 357 371 447 454 481 483 541 542 551 567 573 614 636 664 665 688